

# DRILLING FUNDAMENTALS

**DRILLING - COMPLETION -  
WELL CONTROL**  
*Drilling / Completion*

**E-410**

## OBJECTIVES

To give participants an overall technical information about drilling.

Upon completion of the course, participants:

- know the drilling equipment and corresponding well techniques,
- know the different operations,
- know the functions of the different people involved in drilling,
- have acquired the specific drilling vocabulary.

## COURSE CONTENT

### DRILLING AND CASING PROGRAM

1 day

Reservoir notions  
Functions of different casings  
How to determine drilling and casing program  
Examples

### DRILLING PRINCIPLES - EQUIPMENT

1.5 days

Different types of bits  
Drilling string  
Hoisting function  
Pumping function  
Mud and solid treatment  
Casing and wellheads

### DRILLING METHODS AND OPERATIONS

1.25 days

Drilling parameters. Turbodrilling  
Coring and logging  
Casing and cementing operations  
Directional drilling  
Well control  
Fishing jobs

### DRILLING WITH SIMULATOR

0.25 day

### OFFSHORE DRILLING OPERATIONS

0.5 day

Different types of rigs  
Specific offshore problems

### RIG VISIT

0.5 day

#### ▲ Who should attend?

Engineers and technicians not directly involved in day to day drilling but concerned with it (geologists, geophysicists, reservoir engineering, completion, production and process personnel, platform designer, economists, etc).

#### ▲ Duration

**5 days**

#### ▲ Sessions in English

**September 20-24, 2010**  
Rueil-Malmaison (Paris)

**French sessions: F-410**

#### ▲ Registration

Fees: **€ 2,010**

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#### ▲ Course Coordinator

**Jean BEAUME**

Ref. **FOR / INFORE**